



Patent
Attorney's Docket No. 032901-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Shigeki OHTA et al.)	Group Art Unit: Unassigned
)	
Application No.: 10/630,967)	Examiner: Unassigned
)	
Filed: July 31, 2003)	Confirmation No.: Unassigned
)	
For: METHOD OF ENHANCING NEURAL)	
STEM CELL PROLIFERATION,)	
DIFFERENTIATION, AND SURVIVAL)	
USING PITUITARY ADENYLATE)	
CYCLASE ACTIVATING)	
POLYPEPTIDE (PACAP))	

FIRST
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patent application publications are not enclosed because it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent applications in national patent applications filed after June 30, 2003, and international applications entering the national stage under 35 U.S. C. § 371 after June 30, 2003.

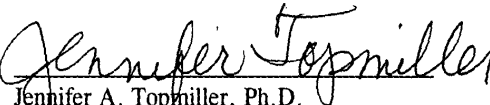
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since the documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

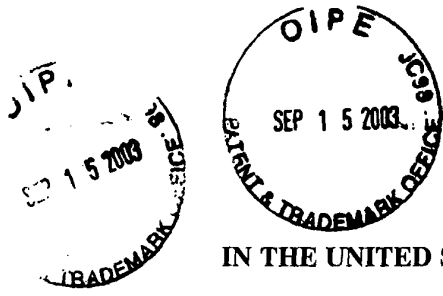
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: September 15, 2003

By: 
Jennifer A. Topmiller, Ph.D.
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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

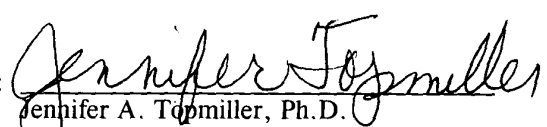
- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [] A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [] Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ [] A check in the amount of \$_____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

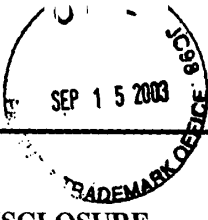
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SHEET 1 OF 3

Substitute for forms 1449A/PTO & 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTORNEY'S DKT No. 032901-101	APPLICATION No. 10/630,967
	APPLICANT Shigeki Ohta	
	FILING DATE July 31, 2003	GROUP Unassigned

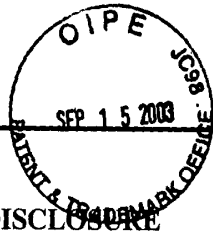
U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
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	5,208,320		Chieko Kitada et al.	05-04-1992
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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No
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	WO 93/01275		WIPO	01-21-1993	
	WO 94/10292		WIPO	05-11-1994	
	WO 03/040310		WIPO	05-15-2003	

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	A. ARIMURA, "Pituitary Adenylate Cyclase Activating Polypeptide (PACAP): Discovery and Current Status of Research", Regulatory Peptides, 37:287-303 (1992). Elsevier Science Publishers
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Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



SHEET 2 OF 3

Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 032901-101	APPLICATION NO. 10/630,967
	APPLICANT Shigeki Ohta	
	FILING DATE July 31, 2003	GROUP Unassigned
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	

U.S. PATENT DOCUMENTS				
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	6,242,563		Zheng Xin Dong	06-05-2001
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	S. BERNICHTEIN et al., "S179D-human PRL, a Pseudophosphorylated Human PRL Analog, is an Agonist and not an Antagonist", Endocrinology 142(9):3950-3963 (2001). The Endocrine Society
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STATEMENT BY APPLICANT**

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FOREIGN PATENT DOCUMENTS					
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	A. NICOT et al., "Regulation of Neuroblast Mitosis is Determined by PACAP Receptor Isoform Expression", PNAS 98:(8)4758-4763 (2001).
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